

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Whistler *et al.* Confirmation No.: 4987  
Serial No.: 10/622,373 Art Unit: 1649  
Filed: July 18, 2003 Examiner: Ulm, John D.  
For: METHODS AND COMPOSITIONS FOR Attorney Docket No.: 12101-011-999  
MODULATING AGONIST-INDUCED (previously 316E-  
DOWNREGULATION OF G PROTEIN- 00151US)  
COUPLED RECEPTORS

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.116**

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants have carefully considered the final Office Action mailed October 2, 2007, in connection with the above-captioned patent application. Applicants kindly request reconsideration of the claims in light of the remarks that follow.

This paper includes:

**Amendments to the Specification** beginning on page 2;

**Amendments to the Claims** beginning on page 4; and

**Remarks** beginning on page 7.

Also submitted are: (1) Sequence Listing in paper and in computer readable form and transmittal; and (2) Exhibit A, a copy of He *et al.*, 2002, *Cell* 108(2):271-282.